



STIC Search Report

EIC 3700

STIC Database Tracking Number: 135264

TO: Andres Kashnikow
Location: cp2 2a01
Art Unit: 3700
Monday, October 18, 2004

Case Serial Number: 10/779570

From: Terry Solomon
Location: EIC 3700
CP2-2C08
Phone: 305-5932

Terrance.solomon@uspto.gov

Search Notes

No litigation found on US Pat. 6348070.

Sources: Lexis/Nexis and Questel-Orbit

Access DB# 135264

SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: Andy KASHNIKOW Examiner #: 60484 Date: 10/18/04
Art Unit: 3200 Phone Number 30 8-1137 Serial Number: 10779570
Mail Box and Bldg/Room Location: CP2-2A01 Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched.

Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: _____

Inventors (please provide full names): _____

Earliest Priority Filing Date: _____

**For Sequence Searches Only* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.*

LIT. SEARCH FOR U.S. PATENT NO.

6,348,070

STAFF USE ONLY

Type of Search

Vendors and cost where applicable

Searcher: <u>Solomon</u>	NA Sequence (#) _____	STN _____
Searcher Phone #: <u>305-5932</u>	AA Sequence (#) _____	Dialog _____
Searcher Location: <u>CP2 2c48</u>	Structure (#) _____	Questel/Orbit <u>\$ 10.27</u>
Date Searcher Picked Up: <u>10-18-04</u>	Bibliographic _____	Dr.Link _____
Date Completed: <u>10-18-04</u>	Litigation <input checked="" type="checkbox"/>	<u>Lexis/Nexis</u>
Searcher Prep & Review Time: <u>3</u>	Fulltext _____	Sequence Systems _____
Clerical Prep Time: _____	Patent Family _____	WWW/Internet _____
Online Time: <u>5</u>	Other _____	Other (specify) _____

295459 (09) 6348070 February 19, 2002

Time of Request: October 18, 2004 10:07 AM EDT

Research Information:

Utility, Design and Plant Patents
patno=6348070

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

6348070

February 19, 2002

Magnetic-interference-free surgical prostheses

REISSUE: February 13, 2004 - Reissue Application filed Ex. Gp.: 3738; Re. S.N. 10/779,570 (O.G. June 8, 2004)

APPL-NO: 295459 (09)

FILED-DATE: April 16, 1999

GRANTED-DATE: February 19, 2002

ASSIGNEE-AT-ISSUE: Med-El Elektromedizinische Gerate Ges.m.b.H, Austria (AT), 03

ASSIGNEE-AFTER-ISSUE: July 16, 1999 - ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS), MED-EL ELEKTROMEDIZINISCHE GERATE GES.M.B.H. FURSTENWEG 77A A-6020 INNSBRUCK AUSTRIA, Reel and Frame Number: 010104/0832

LEGAL-REP: Bromberg & Sunstein LLP - ##0

Selected file: PLUSPAT
PLUSPAT - (c) Questel-Orbit, All Rights Reserved.
Comprehensive Worldwide Patents database

**** SS 1: Results 1**
PRT SS 1 MAX 1 LEGALALL

1 / 1 PLUSPAT - @QUESTEL-ORBIT - image

Patent Number :

US6348070 B1 20020219 [US6348070]

Title :

(B1) Magnetic-interference-free surgical prostheses

Patent Assignee :

(B1) MED EL ELEKTROMEDIZINISCHE GER (US)

Patent Assignee :

Med-El Elektromedizinische Gerate Ges.m.b.H, [AT]

Inventor(s) :

(B1) HOCHMAIR ERWIN (AT); TEISSEL CHRISTIAN (AT)

Application Nbr :

US29545999 19990416 [1999US-0295459]

Filing Details :

Rel. Prov. 60/082,133 19980417 [1998US-P082133]

Priority Details :

US29545999 19990416 [1999US-0295459]

US8213398P 19980417 [1998US-P082133]

Intl Patent Class :

(B1) A61F-002/02 A61F-002/18

EPO ECLA Class :

A61N-001/36F

EPO ICO Class :

K61N-001/37E

US Patent Class :

ORIGINAL (O) : 623011110; CROSS-REFERENCE (X) : 600012000 607060000
623010000 623024000

Document Type :

Basic

Citations :

US4038990; USRE32947; US4918745; US5456654; US5554096; US5630835;

US5716407; US5749912; US6208235

Brackmann et al., "Evaluation of MRI Compatibility of the Modified Nucleus Multichannel Auditory Brainstem and Cochlear Implants," The American J. of Otology 17(5):724-9, Sep. 1996.

Teissl et al., "Cochlear Implants: In Vitro Investigation of Electromagnetic Interference at MR Imaging--Compatibility and Safety Aspects," Radiology 208(3):700-8, Sep. 1998.

Teissl et al., "Magnetic Resonance Imaging and Cochlear Implants: Compatibility and Safety Aspects," J. Magn. Reson. Imaging 9(1):26-38, Jan., 1999.

Publication Stage :

(B1) U.S. Patent (no pre-grant pub.) after Jan. 2, 2001

Abstract :

Interference-free coil systems are coil systems having at least two coils which are identical in terms of inductance. These coils are arranged such that their magnetic fields are antiparallel to one another. Consequently, induced voltages within the coils are substantially eliminated when the coils are exposed to a homogeneous electromagnetic field. If exposed to a nonhomogeneous electromagnetic field, however, a net voltage is induced and enables the extraction of data and power. Reed switch configurations in the implantable prostheses protect against induced voltages caused by the radio frequency field generated by an MR imager when the reed switches are mounted parallel to

the plane of a receiver. Reed switch configuration may be used to disconnect, de-tune, or short circuit a receiver. For example, they may be used to disconnect the receiver diodes. Some magnet configurations reduce torque caused by an external magnetic field and prevent demagnetization when disposed within, outside, or partially within an implantable prosthesis. Magnets which align with the external magnetic field also reduce the torque caused by the field and prevent demagnetization.

Update Code :
2002-09

1 / 1 LGST - ©EPO

Patent Number :

US6348070 B1 20020219 [US6348070]

Application Number :

US29545999 19990416 [1999US-0295459]

Action Taken :

20040608 US/RF-A

REISSUE APPLICATION FILED

EFFECTIVE DATE: 20040213

Update Code :

2004-25

1 / 1 CRXX - ©CLAIMS/RRX

Patent Number :

6,348,070 A 20020219 [US6348070]

Patent Assignee :

Med El Elektromedizinische Gerate Ges mbH AT

Actions :

20040213 REISSUE REQUESTED

ISSUE DATE OF O.G.: 20040608

REISSUE REQUEST NUMBER: 10/779570

EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 3738

Reissue Patent Number:

Session finished: 18 OCT 2004 Time 16:17:04

QUESTEL.ORBIT thanks you. Hope to hear from you again soon.